

17364 U.S. PTO  
031204

PATENT  
Atty. Dkt. AMAT/8245/DSM/BCVD/JW

22581 U.S. PTO  
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031204

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

**MAIL STOP PATENT APPLICATION**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE UNDER 37 CFR 1.10**

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited on 3/12/04, 2004 with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing label No. EV335470192US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
3/12/04 E. Amato  
Date Signature

Re:Inventor(s): YUXIANG MAY WANG; DAVID R. BITTRICH; CHRISTOPHER DENNIS BENCHER; HERALDO L. BOTELHO; SUDHA S.R. RATHI; MICHAEL CHIU KWAN

Title: METHOD OF DEPOSITING AN AMORPHOUS CARBON FILM FOR METAL ETCH HARDMASK APPLICATION

Transmitted herewith is the patent application identified above, including:

- ☒ Specification, claims and abstract 23 Total Pages
- ☒ Drawings ☒ Formal ☐ Informal 1 Total Pages
- ☒ Executed Declaration and Power of Attorney
- ☐ Information Disclosure Statement with List
- ☒ Assignment of the Invention to **Applied Materials, Inc.**
- ☒ Assignment Recordation Cover Sheet

**FEE CALCULATION**

	NUMBER OF CLAIMS FILED	LESS NUMBER PAID BY BASIC FEE	NUMBER OF EXTRA CLAIMS (Not less than zero)	LARGE ENTITY FEE
Basic Fee				\$770.00
Total Claims	22	- 20 = 2	X \$18 = \$36.00	\$ 36.00
Independent Claims	3	- 3 = 0	X \$86 = 0.00	\$ 0.00
First Presentation of Multiple Dependent Claims			+ \$..00	-0-
Total Filing Fee Calculation				\$806.00

- ☒ The Commissioner is hereby authorized to charge **\$806.00** to Deposit Account No. **50-1074/8245/DSM/BCVD/JW**. A duplicate copy of this transmittal is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **50-1074/8245/DSM/BCVD/JW**. A duplicate copy of this transmittal is enclosed.
- ☒ Please address all future correspondence to: ☒ Please direct all telephone calls to:  
**PATENT COUNSEL**  
**APPLIED MATERIALS, INC.**  
Legal Affairs Department  
P.O. Box 450A  
Santa Clara, CA 95052  
**B. Todd Patterson**  
**713-623-4844**

Respectfully submitted,

Robert W. Mulcahy  
Robert W. Mulcahy, Registration No. 25,436